

SOUTH PRODUCTION NOTES

**April 27, 2014
Day Shift**

**BASF EMPLOYEES
45 Last Recordable
295 Last Lost Time**

- 1. Trimer ORP now set at 290 (RCs #5 and #4). Monitor and adjust as needed.**
- 2. Work notification written on the Hyster 30 forklift – brake light torn off**
- 3. Work notification for gear box (#1 MED) still outstanding (not addressed).**

#1 MED / AL-3992 done, Celanese next through dryer/calcliner:

Work notifications written for oil leak at gearbox on the extruder (4/8/14) and mixer outlet valve passing powder to pulva when powder is dropped from hopper. Outlet valve was worked on 4/23/14 MV.

Day shift:

Afternoon Shift: Last batches made this afternoon, and per Kristen Kaput final two batches without ammonia. All fed through dryer, down for cleaning (Celanese). Cleaning sheet in the Celanese MOD in GL office.

Midnight shift: No change.

#1 RC / AL-3992:

Re-feed 12 Drums at end of run-NO Heat/Should be no more than 5 bags on floor to feed calciner. Feed as batches come available. When complete-Will require a spotless clean up by next Friday.

Day shift:

Afternoon Shift: Continue feeding last bags, then need to bring temps completely down and reefed/rescreen the 12 drums on 2nd floor. After that, reverse and bring down for cleaning (Celanese). Cleaning sheet in the Celanese MOD in GL office.

Midnight shift: Had to shut down due to manpower. Will need to resume feeding on 1st shift.

Exhaust to F1 (no nitric in batches, so no nitrates or NOx)

#2 MED line/ Cu-0860: Completed.

On hold...out of 3818. Work notification on #2 Viron East flow meter still outstanding (RAND 4/7/14) - per the engineer, we can run with low flow. #2 Viron is down / Need AmeriWaste to suck out contents. Before starting this line again we need to make sure that the #2 DC is emptied – alarm going off tonight a couple of times.

Day Shift:

Afternoon Shift: On hold.

Midnight shift: On hold.

#2 RC/ Cu-0860: Completed.

Brought down for maintenance.

Day shift: Calciner down for maintenance.

Afternoon shift: Hold

Midnight shift: No change.

Exhaust to F1

#3 MED line / D-0704 done, D 0768 next:

We have completed batches on the MED line.

Day shift:

Afternoon Shift: Cleaning instructions are in D 0768 MOD in GL office. Starting cleaning tonight.

Midnight Shift: Began cleaning. Clean up to continue on day shift.

#3 RC/ D-0704:

Currently feeding. We need to keep track of the weight on the fines drums as they are filled up – need to add the weight to the green sheet. Need to weigh each bag and record its weight on the log sheet by the scale at the East side of building 31 on the first floor. There is a partial bag on the elevator that will need to be fed at end of run-no temp change. HEPA filter for the CTO was changed (4/17/14 M.V.). Keep an eye on the DP for this. **Need to get to Lot 42 bag 16 off of calciner.**

Day shift:

Afternoon Shift: Continue...last bags being fed afternoon shift, should be done feeding early midnight shift.

Midnight shift: Last bags were fed and the slide gate closed at 4:30am.

Exhaust to CTO

#4 RC / Selexorb:

Continue to run. Began with Lot 23, bag 1.

Day shift:

Afternoon Shift: Continue, and keep getting surface areas and checking color of spheres (light to dark olive green). Several bags left to feed.

Midnight Shift: Last bag hanging as of late in the shift.

Exhaust to Trimer

PK Blender / 1506 next:

Confirm with John Bodmann as to how to use bags of 1505 to dry back the 1 wet batch that is still in building 9. **1506 are being stored in pole barn until ready to run on #5 RC.**

Day shift:

Afternoon Shift: No batches made (manpower)

Midnight Shift: No change(manpower).

#5 RC / 1505:

We have made the switch back to 1505. Need to remember that we do not need 5A dust collector running with this product. **We need to check the suction twice every shift.**

Day shift:

Afternoon shift: Continue. Feed rate now at around 600 lbs/hr, feed screw at 14 Hz.

Midnight shift: Continued on. Feed rate at 650.

Exhaust to Trimer

Old Pfaudler – QAQ Trial D-0754 Next:

Trials done. Cleaning sheets have been printed and on clipboard in GLs office

Day Shift:

Afternoon Shift: Continue cleaning for D 0754

Midnight Shift: No change.

#6 RC / QAQ Trial:

Completed..

Day Shift:

Afternoon shift: Did not work on during afternoon (manpower). Continue as personnel available.

Midnight shift: No change(manpower).

Exhaust to Sly Scrubber

Abbe Blender – D-5206:

We are ahead on this job and can run as manpower permits. We can run on the weekend and off shifts. Make sure to read Grodecki's instructions at the end of the shift notes regarding how to match up the lots of 5202.

Day shift:

Afternoon shift: No activity (manpower)

Midnight shift: No change(manpower).

National Dryer / D-5206:

Make sure that we are taking the bags coming off the National dryer to the far railshed for the moment. We will not feed D-5206 to the calciner just yet.

Day shift:

Afternoon Shift: No activity

Midnight Shift: No change.

Tower 3 / DPT-101:

Loaded and running.

Day shift:

Afternoon shift: Currently on idle as we are low on Oxygen bottles (down to last one).

Datesha working on emergency delivery Sunday morning.

Midnight Shift: Waiting on oxygen delivery Sunday morning.

Tower 6 / DPT-101:

Loaded and running.

Day shift:

Afternoon shift: Currently running but low on Oxygen. Might make it through midnight, might not. If not, Emergency delivery scheduled Sunday morning.

Midnight Shift: Continuing and still on oxygen. Hanging in there until oxygen arrives Sunday morning.

North Screener / Cu-1155 3/16 x 3/16

Switched screener/All Cu-1155 3/16" x 3/16" has been isolated and cordoned off with red tape.

Day shift:

Afternoon Shift: Continue. Should be around 4-5 totes remaining of Cu 1155 3/16.

Midnight shift: Continued on.

South Screener / DPT-101:

Switch screener to DPT-101.

Day shift:

Afternoon Shift: Still not re-assembled. Finish assembling and hold until Cu 1155 completed on North screener

Midnight shift: No change.

Tunnel Kiln #3 / Cu Carb testing:

We have lit up zone #2 per the engineer and have added material to the kiln for the continuing testing.

Day shift:

Afternoon Shift: Continue to monitor and record temps. We will unload on day shift

Sunday and not reload per Jack Pettry's instructions. Will re-evaluate TK #3 on Monday...keep lit and hold.

Midnight shift: Continued to monitor temperatures.

Tunnel Kiln #4 / Cu-0540:

Continue/Lot 318-drum 42-mix with Lot 319-drum 18

Day shift:

Afternoon Shift: Continue to unload until empty, then bring down.

Midnight shift: Finished unloading about 5am.

HC-11 Tanks Cu-6081 :

The strikes have started. Continuing communication with the North is vital during this trial run.

Day shift:

Afternoon Shift: Continue, working on Lot 19. Work order in place for section of discharge pipe from 4 tank on 2nd floor (leaking in horizontal section above 4 tank).

Midnight shift: Continued on making strikes.

#2662 (east) Pill Machine / Zr-0403 1/8: Hold

Started to clean up and take apart machines in preparation for Zr material. We will use only one dust collector.

Day Shift: No change.

Afternoon shift: No change.

Midnight shift: No change.

#2664 (west) Pill Machine / Zr-0403 1/8: Hold

Started to clean up and take apart machines in preparation for Zr material. We will use only one dust collector.

Day Shift: No change.

Afternoon shift: No change.

Midnight shift: No change.

Harrop Kiln - Al-3921 T 3/16”:

Down... saggars have been removed, screener parts at TK#2

Day shift: HOLD

Afternoon shift: HOLD

Midnight shift: HOLD

New Pfaudler / Celenese Trial

The Pfaudler has been rinsed but not acid washed. Tentative start update the week of 5/5/14

Day shift: No

Afternoon Shift: Started clean-up...continue

Midnight shift: No change(manpower).

Priorities for the next week

- I. Safety and Environmental
 - II. Towers - Keep screening going on Cu-1155 T 3/16 so we have enough bins for DPT
 - III. 6081 strikes
 - IV. 5 RC 1520 - continue 1505, WATCH RATE 15,600 PER DAY
 - V. 3 line - D-0704 finish and clean for SSD (we want a quick turnaround)
 - VI. 1 line AI- 3992 finish extrusion and rescreens at end.
 - VII. 4 RC - Selectsorb make sure color and SA look ok run out what we have then cool to clean for D- 5206
 - VIII. 6 RC and drier - Finish QAQ need to have this clean for D- 0754 to start Monday am. John will check on Monday
 - IX. Tunnel Kilns Cu-0540 and Cu-3818 P trials
 - X. Abbe and National
 - XI. PK 1506
 - XII. Cu-0360 wet mixing should start next week (perhaps Wednesday- Jack to provide info on what to do)
- Celanese starts may 5th. we have to be ready and have visitors on site. THERE IS A LOT OF MAINTENANCE WORK OCCURRING HERE NEXT WEEK